

AMENDMENTS TO THE ABSTRACT

Please replace the abstract on page 8 with the following rewritten abstract:

ABSTRACT

**Process for selecting a transmission channel
and receiver of signals with antenna diversity**

A process for selecting a transmission channel from several transmission channels 1 and 2 of a receiver of Orthogonal Frequency Division Multiplexing (OFDM) radio signals with antenna diversity, with a view to favouring the transmission channel delivering a signal with the lowest binary error rate, consists in estimating the binary error rate for each transmission channel by feeding a neural network 9 with data Radio Frequency Channel (RFC) representative of the frequency response of the transmission channel.

~~Figure to be published: single figure~~